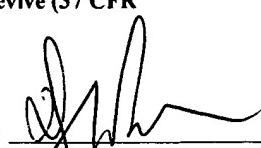


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| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE EFORM PTO-1390 (REV 10-94) | | ATTORNEY'S DOCKET NUMBER 10873.1827USWO |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown 107562318 |
| INTERNATIONAL APPLICATION NO. PCT/JP2004/009042 | INTERNATIONAL FILING DATE June 21, 2004 | PRIORITY DATE CLAIMED June 25, 2003 |
| TITLE OF INVENTION OPTICAL INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD FOR LEARNING RECORDING LIGHT INTENSITY (AS AMENDED) | | |
| APPLICANT(S) FOR DO/EO/US IMURA et al. | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(l). 4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> A signed oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | |
| Items 11. to 16. below concern document(s) or information included: | | |
| <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form 1449, 2 references. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> A substitute specification. 15. <input type="checkbox"/> A change of power of attorney and/or address letter. 16. <input checked="" type="checkbox"/> Other items or information: Application Data Sheet (4 pages), 17 sheets of formal drawings, International Publication Page WO 2005/008645, Form PCT/ISA/210, Form PCT/ISA/237, Form PCT/IB/304, Form PCT/IN/308, Communicaiton regarding Figure Publication | | |

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| U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown 10/562318 | | INTERNATIONAL APPLICATION NO. PCT/JP2004/009042 | ATTORNEY'S DOCKET NUMBER 10873.1827USWO |
| BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)): | | | |
| <input checked="" type="checkbox"/> a) Basic National fee.....\$300 | | \$300 | |
| <input checked="" type="checkbox"/> b) Examination fee.....\$200 | | \$200 | |
| <input checked="" type="checkbox"/> c) Search fee.....\$500 | | \$500 | |
| TOTAL OF ABOVE CALCULATIONS = | | \$1000 | |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | |
| Total Sheets | Extra Sheets | Number of each additional set of 50 sheets, more than 100 sheets | Rate |
| 59 -100 = 0 | /50 = 0 | | X \$250 |
| Surcharge of \$130 for furnishing the oath or declaration later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | \$0 | |
| CLAIMS | | NUMBER FILED | NUMBER EXTRA |
| Total claims | | 13 -20 = 0 | X \$50 |
| Independent claims | | 4 -3 = 1 | X \$200 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | + \$360 | |
| TOTAL OF ABOVE CALCULATIONS = | | \$1200 | |
| Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27 | | \$0 | |
| SUBTOTAL = | | \$1200 | |
| Processing fee of \$130 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | + \$0 | |
| TOTAL NATIONAL FEE = | | \$1200 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property | | + \$0 | |
| TOTAL FEES ENCLOSED = | | \$1200 | |
| | | Amount to be: refunded | \$0 |
| | | charged | \$0 |
| <p>a. <input checked="" type="checkbox"/> Check(s) in the amount of <u>\$1200</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge the amount of \$ to cover the required filing fee for a large entity to the credit card listed on the enclosed credit card authorization form.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-3478.</p> | | | |
| <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> | | | |
| SEND ALL CORRESPONDENCE TO: Douglas P. Mueller Hamre, Schumann, Mueller & Larson, P.C. P.O. Box 2902-0902 Minneapolis, MN 55402 | |  SIGNATURE: _____ NAME: Douglas P. Mueller REGISTRATION NUMBER: 30,300 | |

IAP4 Rec'd PCT/PTO 23 DEC 2005

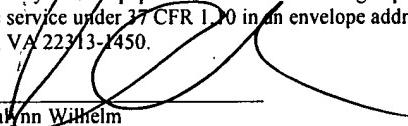
UNITED STATES PATENT AND TRADEMARK OFFICE

10/1562318

Applicant: IMURA et al.
Attorney Docket: 10873.1827USWO
Title: OPTICAL INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD FOR LEARNING RECORDING LIGHT INTENSITY (AS AMENDED)

CERTIFICATE UNDER 37 CFR 1.10
Express Mail mailing label number: EV 648467575 US
Date of Deposit: December 23, 2005

I hereby certify that the papers listed below are being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 CFR 1.10 in an envelope addressed to: Mail Stop Application, Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

By: 
Name: Rayann Wilhelm

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

53148

PATENT TRADEMARK OFFICE

Commissioner:

The following papers are transmitted herewith:

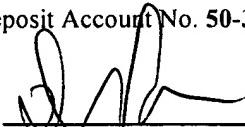
- Transmittal sheet, in duplicate, containing Certificate Under 37 CFR 1.10;
- National Stage Patent Application including: Description - 31 pages; 13 Claims - 10 pages; Abstract - 1 page; Drawings - 17 sheets (formal);
- Signed Combined Declaration and Power of Attorney;
- Application Data Sheet - 4 pages;
- Information Disclosure Statement, Form 1449, 2 references
- Check(s) for the amount of \$1200 to cover the filing fee calculated below;
- Other: Preliminary Amendment, Form PTO 1390, International Publication Page WO 2005/008645, Form PCT/ISA/210, Form PCT/ISA/237, Form PCT/IB/304, Form PCT/IN/308, Communicaiton regarding Figure Publication
- Return postcard

CLAIMS AS FILED

| Number of Claims Filed | No. | In Excess of | Extra | Rate (\$) | = | Fee (\$) |
|--------------------------------------|-----|--------------|-------|-----------|---|----------|
| Total Claims | 13 | 20 | 0 | 50 | = | 0 |
| Independent Claims | 4 | 3 | 1 | 200 | = | 200 |
| Multiple Dependent Claims Fee | | | | | = | 0 |
| Basic Filing Fee | | | | | = | 300 |
| Search Fee | | | | | = | 500 |
| Examination Fee | | | | | = | 200 |
| Utility Application Size Fee | 59 | 100 | 0 | 250 | = | 0 |
| Total | | | | | = | \$1200 |

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. A duplicate of this sheet is enclosed.

Hamre, Schumann, Mueller & Larson, P.C.
P.O. Box 2902-0902 Minneapolis, MN 55402
612.455-3800

By: 
Name: Douglas P. Mueller
Reg. No.: 30,300
Initials: DPM/acp

10/562318

IAP17 Rec'd PCT/PTO 23 DEC 2005

PATENT

S/N Unknown

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

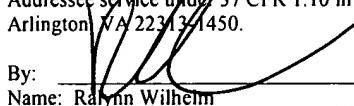
Applicant: IMURA et al. Serial No.: Unknown
Filed: Concurrent herewith Docket No.: 10873.1827USWO
Title: OPTICAL INFORMATION RECORDING/REPRODUCING APPARATUS
AND METHOD FOR LEARNING RECORDING LIGHT INTENSITY (AS
AMENDED)

CERTIFICATE UNDER 37 CFR 1.10

Express Mail mailing label number: EV 648467575 US

Date of Deposit: December 23, 2005

I hereby certify that the papers listed below are being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 CFR 1.10 in an envelope addressed to: Mail Stop Application, Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

By: 
Name: Raylyn Wilhelm

COMMUNICATION REGARDING REQUESTED FIGURE

Mail Stop PCT
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

In connection with the above-identified application, applicant respectfully requests that Figure 1 be printed on the front page of the published application.

If a telephone conference would be helpful in resolving any issues concerning this communication, please contact Applicants' primary attorney-of record Douglas P. Mueller (Reg. No. 30,300), at (612) 455.3804.

Respectfully submitted,

HAMRE, SCHUMANN, MUELLER &
LARSON, P.C.
P.O. Box 2902-0902
Minneapolis, MN 55402-0902
(612) 455-3800

By: 

Douglas P. Mueller
Reg. No. 30,300
DPM/acp

Dated: December 23, 2005

53148

PATENT TRADEMARK OFFICE